

Bacteria TMDL Development for the Lower Pamunkey, Lower Mattaponi, and Upper York River Watershed

Includes Mattaponi River from King and Queen Courthouse to West Point, Pamunkey River from Sweet Hall Landing to West Point, & the Upper York River from West Point to Belleview

First Public Meetings

January 20, 2010

West Point, VA



What is a TMDL?

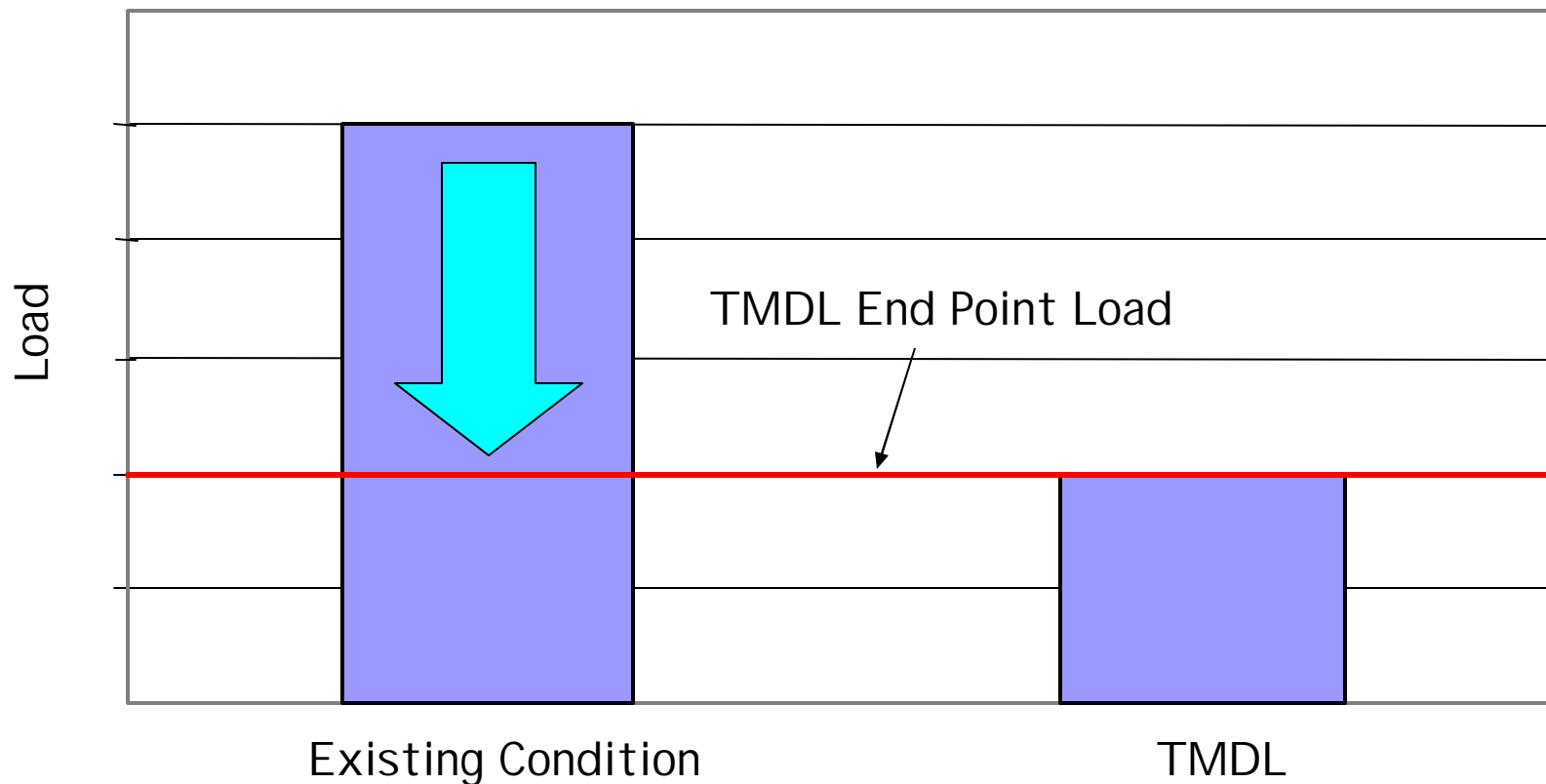
TMDL = Total Maximum Daily Load = maximum amount of a pollutant that can exist in a waterbody without violating water quality standards (WQS)



WQS = numeric or narrative limits on pollutants that ensure the protection of human health and of aquatic life



A Visual Example of a TMDL



Reducing existing bacteria load to the TMDL end point load is expected to restore water quality.

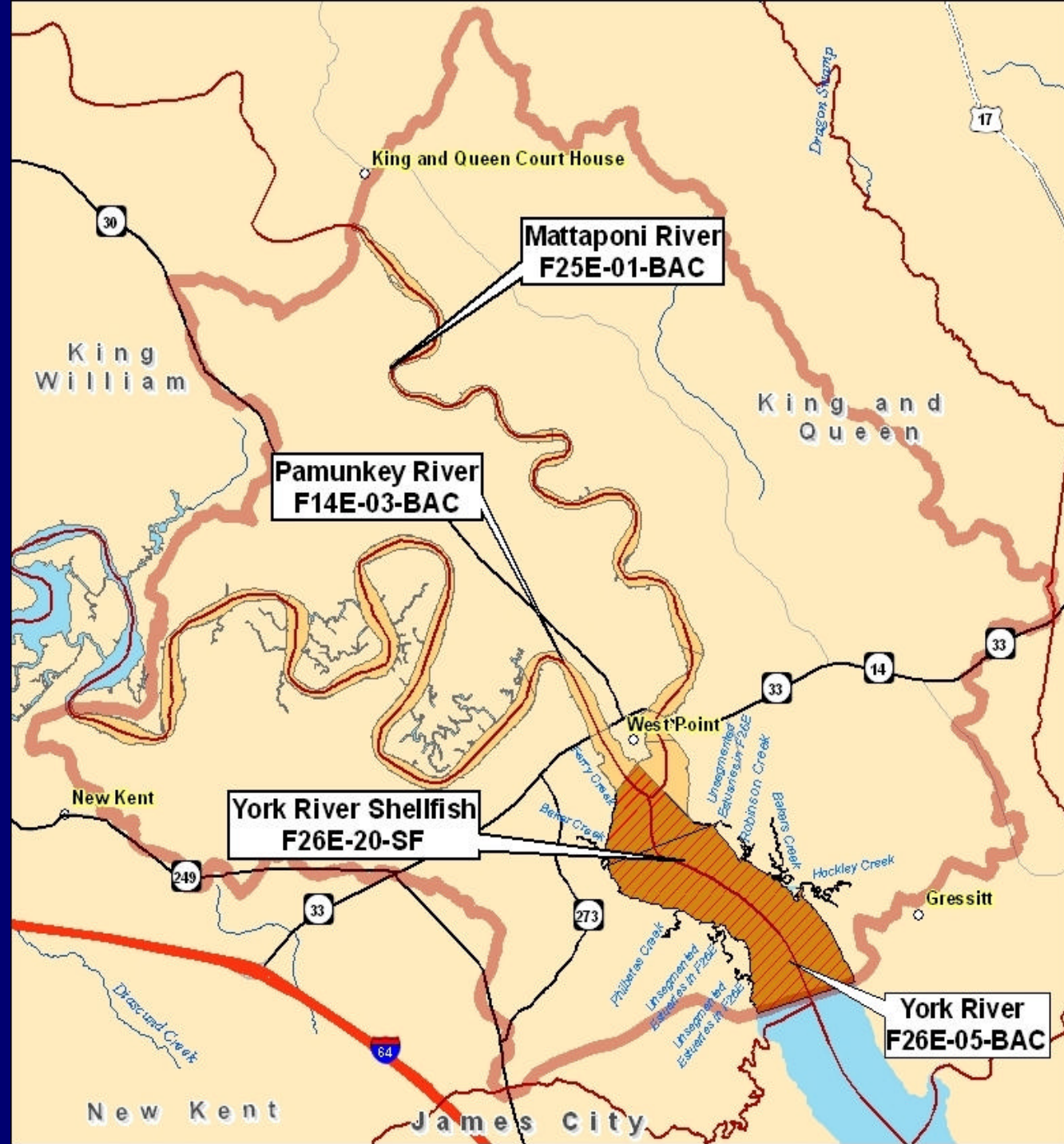
Why are TMDL studies necessary?

- TMDLs must be developed for water bodies that do not meet water quality standards for their designated uses (Clean Water Act 1972).
- Impaired waters occur throughout Virginia in lakes, streams, and tidal waters.
- In Virginia, ~1100 TMDLs due by 2020 – based on 2008 DEQ Integrated Assessment Report

Designated Uses

- Primary Contact (Swimming)
- Public Water Supply
- Aquatic Life
- Fish Consumption
- Shellfish Consumption
- Wildlife

Watershed:



Next Steps...

□ **30 Day Public Comment Period**

*****Ends February 20th, 2010*****

- Send comments with the name, address, and telephone number of the commenter.

SEND Comments TO: **DEQ - Piedmont Regional Office**
Attn: Margaret Smigo
4949-A Cox Road
Glen Allen, VA 23060
Margaret.Smigo@deq.virginia.gov

- Comments will be answered and incorporated into the final document sent to EPA and State Water Control Board for approval.
- Following approval of the TMDL, Implamentation Planning can be coordinated by DCR and DEQ

Questions?

